

Form PTO-1449 (modified)

Atty. Docket No.  
2027.547096/RFESerial No.  
10/068,137

List of Patents and Publications for Applicant's

Applicants  
Danilo Porro et al.

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:  
February 6, 2002Group:  
1652U.S. Patent Documents  
See Page 1Foreign Patent Documents  
See Page 1Other Art  
See Page 2

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
KK	A2	2,024,565	12/17/35	Braun	260	119	
	A3	4,885,247	12/05/89	Datta	435	139	
	A4	5,068,418	11/26/91	Kulphathipanja <i>et al.</i>	562	580	
	A5	5,464,760	11/07/95	Tsai <i>et al.</i>	435	139	
	A6	5,503,750	04/02/96	Russo, Jr. <i>et al.</i>	210	641	
	A7	5,510,526	04/23/96	Baniel <i>et al.</i>	562	580	
	A8	5,574,180	11/12/96	McQuigg <i>et al.</i>	558	147	
	A9	5,641,406	06/24/97	Sarhaddar <i>et al.</i>	210	656	
	A10	5,780,678	07/14/98	Baniel <i>et al.</i>	562	580	
	A11	5,892,109	04/06/99	Baniel <i>et al.</i>	562	580	
	A12	5,959,144	09/28/99	Baniel	562	580	
	A13	6,001,255	12/14/99	Eyal <i>et al.</i>	210	638	
	A14	6,087,532	07/11/00	Baniel <i>et al.</i>	562	580	
	A15	6,160,173	12/12/00	Eyal <i>et al.</i>	562	589	
	A16	6,187,951	02/13/01	Baniel <i>et al.</i>	562	580	
	A17	6,229,046	05/08/01	Eyal <i>et al.</i>	562	589	
	A18	6,268,189	07/31/01	Skory	435	139	
	A19	6,280,985	08/28/01	Caboche <i>et al.</i>	435	139	
	A20	6,319,382	11/20/01	Norddahl	204	530	
	A21	6,429,006	08/06/02	Porro <i>et al.</i>	435	254	
✓	A22	6,475,759	11/05/02	Carlson <i>et al.</i>	435	139	

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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)



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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
KK	A23	6,485,947	11/26/02	Rajgarhia <i>et al.</i>	435	139	
	A24	6,489,508	12/03/02	Van Gansbeghe <i>et al.</i>	562	589	
	A25	2003/0228671	12/11/03	Hause <i>et al.</i>	435	161	

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
KK	B1	✓ WO 99/19503	April 22, 1999	PCT			
	B2	✓ WO 99/14335	March 25, 1999	PCT			
	B3	✓ WO 01/25180	April 12, 2001	PCT			
	B4	✓ WO 02/42471	May 30, 2002	PCT			
	B5	✓ EP 0 932 593 B1	April 24, 2002	EPO			
	B6	✓ WO 00/71738 A1	Nov. 30, 2000	PCT			
	B7	<del>WO 02/42471 A2</del>	<del>May 30, 2002</del>	<del>PCT</del>			
	B8	✓ WO 03/102152 A2	Dec. 11, 2003	PCT			
	B9	✓ WO 03/102200 A2	Dec. 11, 2003	PCT			
	B10	✓ WO 03/102201 A2	Dec. 11, 2003	PCT			

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
KK	C1	✓ Chang <i>et al.</i> , "Homofermentative Production of D- or L-Lactate in Metabolically Engineered <i>Escherichia Coli</i> RR1," <i>Applied Environ. Microbiol.</i> , 65(4):1384-1389, 1999.

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Exam. Init.	Ref. Des.	Citation
	<del>C2</del>	<del>Genga et al., "Mitochondrial-NAD, L-Lactate Dehydrogenase and NAD, D-Lactate Dehydrogenase in the Yeast Saccharomyces Cerevisiae," Microbiologica, 6(1):1-8, 1983.</del>
	<del>C3</del>	<del>Goffin et al., "Lactate Dehydrogenase-Independent Lactic Acid Racemization in Lactobacillus Plantarum" (2000)</del>
KK	C4	✓ Hohmann, "Pyruvate Decarboxylases," In "Yeast Sugar Metabolism", 11:187-211, 1997.
KK	C5	✓ Skory, "Isolation and Expression of Lactate Dehydrogenase Genes from <i>Rhizopus Oryzae</i> , <i>Applied Environ. Microbiol.</i> , 66(6):2343-2348, 2000.
	<del>C6</del>	<del>Skory, "Lactic Acid Production by Saccharomyces Cerevisiae Expressing A <i>Rhizopus Oryzae</i> Lactate Dehydrogenase Gene," <i>J. Ind. Microbiol. Biotechnol.</i>, 30(1):22-27, 2003.</del>
KK	C7	✓ Zhou et al., "Production of Optically Pure D-Lactic Acid in Mineral Salts Medium by Metabolically Engineered <i>Escherichia Coli</i> W3110, <i>Applied Environ. Microbiol.</i> , 69(1):399-407, 2003.
	<del>C8</del>	<del>U.S. Application Serial No. 20020004611, filed January 10, 2002.</del>
	<del>C9</del>	<del>U.S. Application Serial No. 20030166179, filed September 4, 2003.</del>
	<del>C10</del>	<del>U.S. Application Serial No. 20030190630, filed October 9, 2003.</del>
	C11	International Search Report for WO 98/15518, dated April 16, 1998.

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